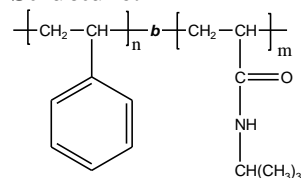


**Sample Name:** Poly (styrene-b-N-isopropyl acrylamide)

**Sample #:** P16340B-SNIPAM

**Structure:**



**Composition:**

Mn x 10 <sup>3</sup> S-b-NIPAM	Mw/Mn (PDI)
42.0-b-12.0	1.7
<b>For PS block:</b>	T <sub>g</sub> : 105°C
<b>For SNIPAM block</b>	T <sub>g</sub> : Not distinct
<b>* composition by HNMR</b>	<b>** Disribution by SEC</b>

**Synthesis Procedure:**

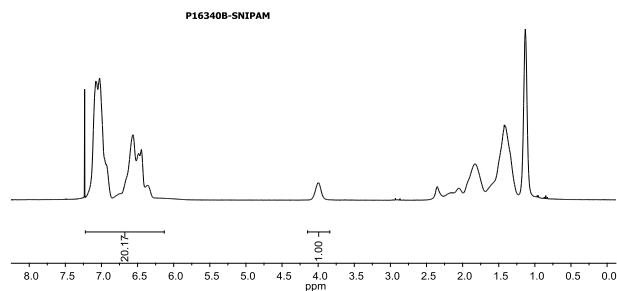
Poly (styrene-b-N-isopropyl acrylamide) is prepared by RAFT polymerization process, first NIPAM followed by Styrene monomer.

**Characterization:**

The product was characterized by size exclusion chromatography (SEC) and <sup>1</sup>H NMR.

**H-NMR spectrum of the Polymer:**

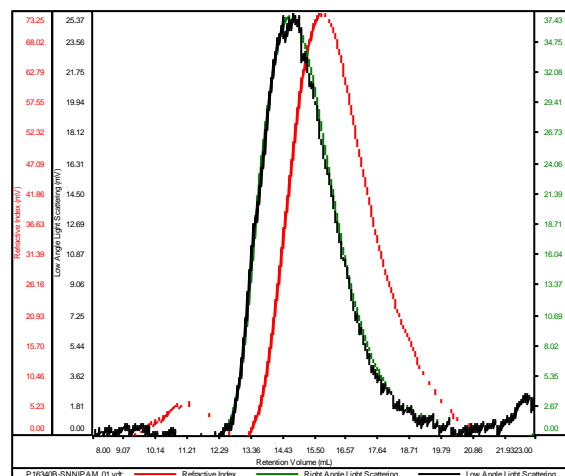
PROTON\_01



**SEC elugram of the Sample:**

P16340B-SNIPAM

Conc	8.8662
dn/dc	0.1070
Solvent	DMF w 0.023M LiBr
Flow Rate	0.7000
Method	PS-80k_2018-04-02-0000.vcm



Sample	Mn	Mw	Mp	Mw/Mn	IV
_P16340B-SNIPAM_01.vdt	54,314	93,031	73,365	1.713	0.3913